

## ABSTRACT:

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The invention relates to a wireless network comprising a radio network controller and a plurality of assigned terminals which are provided for coding certain data to be transmitted over traffic and control channels and which are provided for changing the respective key necessary for the coding at certain instants. The radio network controller sends

5 a message about a change of the key coded with an old cipher key to a terminal. The terminal responds with a message coded with a new cipher key as an acknowledgement for the new cipher key.

Fig. 4

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